

LAND APPLICATION SITE

MICKEY L. COX

GRMLC 1 - 4

GREENE COUNTY

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 9-29-17 between Mickey Cox Trustee referred to here as "Landowner", and Recyc Systems, Inc; referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:

The Landowner is the owner of record of the real property located in Greene, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
<u>48-6-1</u>			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

- ☒ The Landowner is the sole owner of the properties identified herein.
☐ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

Class B biosolids Water treatment residuals Food processing waste Other industrial sludges
☒ Yes ☐ No ☒ Yes ☐ No ☒ Yes ☐ No

Mickey Cox Trustee Mickey J. Cox 3639 Celt Road
Landowner - Printed Name, Title Signature Mailing Address & Phone Number
Stanardsville, VA 22973
434-985-2215

Permittee:

Recyc Systems, Inc, the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Stanardsville Stanardsville PO Box 562 Remington, Virginia 22734
Permittee - Authorized Representative Signature Mailing Address
Printed Name

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Recyc Systems, Inc —County or City: Greene

Landowner: Mickey L Cox Trustee

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

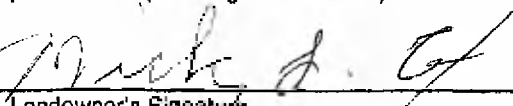
I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
 - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
 - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
 - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
 - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
 - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
 - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
 - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
 - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

 - a. Meat producing livestock shall not be grazed for 30 days,
 - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
 - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).


Landowner's Signature

9-29-17
Date

Farm Operator Signature

Mailing Address & Phone Number

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Recyc Systems, Inc County or City: Greene

Landowner: Mickey L. Cox Trustee

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

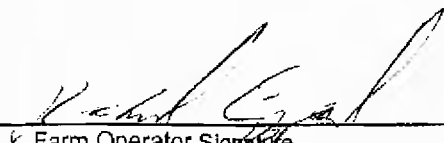
1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
 - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
 - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
 - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
 - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
 - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
 - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
 - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
 - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

 - a. Meat producing livestock shall not be grazed for 30 days,
 - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
 - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Landowner's Signature

Date


Farm Operator Signature

1041 Parker Mtn. Road
Stanardsville, VA 22973
434-996-5912
Mailing Address & Phone Number

FARM DATA SHEET

SITE NAME:	Mickey L. Cox	COUNTY:	Greene
OWNER:	Mickey L. Cox Trustee Under the Mickey L. Cox Rev. Trust	OPERATOR:	Richard Eppard
OWNER'S ADDRESS:	3639 Celt Road Stanardsville, VA 22973	OPERATOR'S ADDRESS:	1041 Parker Mountain Road Stanardsville, VA 22973
OWNER'S TELEPHONE:	434-985-2215	OPERATOR'S TELEPHONE:	-
GENERAL FARM TYPE:	Hay/ Pasture	CELL PHONE:	434-996-5972
# CATTLE:	50	EMAIL:	
LAGOON or SLURRY:	Yes- Old Dairy- Not in Use	LATITUDE:	38.268
TOPO QUAD:	Stanardsville	LONGITUDE:	78.465
COMMENTS:	METHOD OF DETERMINATION: Online Maps		
<p>Must call Columbia Gas before spreading and driving over gas line at least a week ahead of time.</p> <p>434-990-1320</p>			

**OLD FIELD #2 IS NOW DIVIDED INTO TWO FIELDS, FIELD #2
AND FIELD #4.**

10-9-17

RECYC SYSTEMS, INC

FIELD DATA SHEET

Field Identification	DEQ Control No	Gross Acres	Environmentally Sensitive Soils				Hydro Map	Tax Map #	FSA Tract #
			Water Table	Bed Rock/Shallow	Surf/Leach	Freq Flood			
GRMLC 1	51079-00109-0000	28.2	CgB Dec.-May Kn Nov.-May	-	-	-	JR 10	48-6-1	T 241 F 3
GRMLC 2	51079-00110-0000	24.7	CgB Dec.-May Kn Nov.-May	-	-	-	JR 10	48-6-1	T 241 F 6
GRMLC 3	51079-00111-0000	25.3	Cn Dec.-May	-	-	-	JR 10	48-6-1	T 241 F 6
GRMLC 4	51079-00110-0000	7.7	-	-	-	-	JR 10	48-6-1	T 241 F 9
TOTAL ACRES IN SITE		85.9							

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Landowner Coordination Form

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A Land Application Agreement-Biosolids and Industrial Residuals from original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

Permittee: Recyc Systems, Inc

Site Name: Mickey L. Cox

County or City: Greene Co.

Please Print

Signature not required on this page

[illegible]

Report Number: 17-254-0555

Account Number: 70594



7621 Whitepine Road, Richmond, VA 23237
Main 804-743-9401 • Fax 804-271-6446
www.waypointanalytical.com

Send To: Recyc Systems Inc
Susan Trumbo
8455 Whiteshop Road
Culpepper VA 22701

"Every acre...Every year."™

Grower: Micky Cox
Greene Co

SOIL ANALYSIS REPORT

Analytical Method(s) SMP Buffer pH Mehlich 3 Loss On Ignition Water pH

Date Received: 09/11/2017

Date Of Analysis: 09/12/2017

Date Of Report: 09/12/2017

Sample ID Field ID	Lab Number	OM	W/V	ENR	Phosphorus			Potassium	Magnesium	Calcium	Sodium	pH		Acidity	C.E.C
		% Rate	Soil Class	lbs/A	M3 ppm Rate	ppm Rate	ppm Rate	K ppm Rate	Mg ppm Rate	Ca ppm Rate	Na ppm Rate	Soil pH	Buffer Index	H meq/100g	meq/100g
3	23703	7.8 VH		150	71 H			180 VH	193 H	1374 M		6.0	6.77	1.6	10.5

Sample ID Field ID	Percent Base Saturation					Nitrate	Sulfur	Zinc	Manganese	Iron	Copper	Boron	Soluble Salts		
	K %	Mg %	Ca %	Na %	H %	NO ₃ N ppm Rate	S ppm Rate	Zn ppm Rate	Mn ppm Rate	Fe ppm Rate	Cu ppm Rate	B ppm Rate	SS ms/cm Rate		
3	4.4	15.3	65.4		15.2			7.1 H	26 H						

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm

This report applies to sample(s) tested. Samples are retained a maximum of thirty days after testing.

Analysis prepared by Waypoint Analytical Virginia, Inc.

by *Pauric McGroary*

Pauric McGroary

Date Received: 09/11/2017

Date Of Report: 09/12/2017

SOIL FERTILITY RECOMMENDATIONS

Sample ID Field ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N lb/A	Phosphate P ₂ O ₅ lb/A	Potash K ₂ O lb/A	Magnesium Mg lb/A	Sulfur S lb/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe lb/A	Copper Cu lb/A	Boron B lb/A
3	Adjust pH to 6.8	0	1.5				0			0			

Comments:

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

Our reports and letters are for the exclusive and confidential use of our clients, and may not be reproduced in whole or part, nor may any reference be made to the work, the results, or the company in any advertising, news release, or other public announcements without obtaining our prior written authorization. Copy right 1977

Report Number: 16-328-0716

Account Number: 70594



7621 Whitepine Road, Richmond, VA 23237

Main 804-743-9401 • Fax 804-271-6446

www.waypointanalytical.com

Send To: Recyc Systems Inc
Susan Trumbo
8455 Whiteshop Road
Culpeper VA 22701

"Every acre Every year"™

Grower: Mickey Cox
Greene Co
GRMLC

SOIL ANALYSIS REPORT

Analytical Method(s): SMP Buffer pH Mehlich 3 Loss On Ignition Water pH

Date Received: 11/23/2016

Date Of Analysis: 11/28/2016

Date Of Report: 11/28/2016

Sample ID Field ID	Lab Number	OM	W/V	ENR	Phosphorus			Potassium	Magnesium	Calcium	Sodium	pH		Acidity	C.E.C
		% Rate	Soil Class	lbs/A	M3 ppm Rate	ppm	Rate	K ppm Rate	Mg ppm Rate	Ca ppm Rate	Na ppm Rate	Soil pH	Buffer Index	H meq/100g	meq/100g
1	24438	7.0 VH		150	50 M			131 M	190 M	1881 H		6.7	6.88	0.5	11.8
2	24439	7.2 VH		150	291 VH			275 VH	204 M	2538 H		6.8		0.5	15.6
4	24440	4.8 M		126	126 VH			238 VH	237 M	2109 H		6.5	6.82	1.1	14.2
3	24441	10.3 VH		150	370 VH			552 VH	363 H	2533 H		6.7	6.85	0.8	17.9

Sample ID Field ID	Percent Base Saturation					Nitrate	Sulfur	Zinc	Manganese	Iron	Copper	Boron	Soluble Salts		
	K %	Mg %	Ca %	Na %	H %	NO ₃ N ppm Rate	S ppm Rate	Zn ppm Rate	Mn ppm Rate	Fe ppm Rate	Cu ppm Rate	B ppm Rate	SS ms/cm Rate		
1	2.8	13.4	79.7		4.2			3.7 H	14 M						
2	4.5	10.9	81.3		3.2			9.0 VH	13 M						
4	4.3	13.9	74.3		7.7			6.9 H	35 H						
3	7.9	16.9	70.8		4.5			20.6 VH	17 M						

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C - Cation Exchange Capacity

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm

This report applies to sample(s) tested. Samples are retained a maximum of thirty days after testing.

Analysis prepared by: Waypoint Analytical Virginia, Inc.

by: *Paunc McGeary*

Paunc McGeary

Report Number: 16-328-0716

Account Number: 70594



"Every acre.. Every year."™

7621 Whitepine Road, Richmond, VA 23237

Main 804-743-9401 • Fax 804-271-6446

www.waypointanalytical.com

Send To: Recyc Systems Inc
Susan Trumbo
8455 Whiteshop Road
Culpepper VA 22701

Grower: Mickey Cox
Greene Co
GRMLC

Date Received: 11/23/2016

Date Of Report: 11/28/2016

SOIL FERTILITY RECOMMENDATIONS

Sample ID Field ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N lb/A	Phosphate P ₂ O ₅ lb/A	Potash K ₂ O lb/A	Magnesium Mg lb/A	Sulfur S lb/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe lb/A	Copper Cu lb/A	Boron B lb/A
1	Adjust pH to 6.8	0	1.0				0			2			
2	Adjust pH to 6.8	0	0.0				0			2			
4	Adjust pH to 6.8	0	1.0				0			0			
3	Adjust pH to 6.8	0	1.0				0			2			

Comments:

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

Our reports and letters are for the exclusive and confidential use of our clients, and may not be reproduced in whole or part, nor may any reference be made to the work, the results, or the company in any advertising, news release, or other public announcements without obtaining our prior written authorization. Copyright 1977

Paunc McGeary

THE PLANNER IS NOT STATE CERTIFIED

Nutrient Management Plan Balance Sheet
(Fall, 2017-Winter, 2019)
Mickey L. Cox
Planner: John Doe

Tract: 241

Location: Greene

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
3/GRMLC 1(N)	28/28	2017	Hay/Pasture	100-40-70	0/0				100-40-70	N/A			
6/GRMLC 2(0P)	25/25	2017	Grass Pasture	50-0-0	0/0				50-0-0	25			
6/GRMLC 3(N)	25/25	2017	Grass Pasture	50-0-0	0/0				50-0-0	N/A			
9/GRMLC 4(1P)	8/8	2017	Fescue grass hay mt	90-0-145	0/0				90-0-145	55			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Soil Test Summary

Tract	Field	Acre	Date	P2O5	K2O	Lab	Soil pH	Lime Date	rec. lime tons/Ac
241	GRMLC 1	28	2016-Fa	H- (50 P ppm)	H- (131 K ppm)	A&L MIII	6.7		
241	GRMLC 2	25	2016-Fa	VH (291 P ppm)	VH (275 K ppm)	A&L MIII	6.8		
241	GRMLC 3	25	2017-Fa	H (71 P ppm)	H (180 K ppm)	A&L MIII	6.		
241	GRMLC 4	8	2016-Fa	VH (238 P ppm)	H- (126 K ppm)	A&L MIII	6.5		

Field Productivities for Major Crops

Tract Name	Tract/ Field	Field Name	Acres	Predominant Soil Series	Corn	Small Grain	Alfalfa	Grass Hay	Environmental Warnings
241	241/3	GRMLC 1	28	Elioak	IVb	IV	III	IV	
	241/6	GRMLC 2*	25	Elioak	IVb	IV	III	IV	High Leaching, High Slope
	241/6	GRMLC 3*	25	Elioak	IVb	III	III	III	High Leaching, High Slope
	241/9	GRMLC 4	8	Braddock	IIIb	II	II	II	

* Do not apply manure or biosolids more than 30 days prior to planting. Apply commercial fertilizer nitrogen to row crops in split spring applications.

Yield Range

Field Productivity Group	Corn Grain Bu/Acre	Barley/Intensive Wheat Bu/Acre	Std. Wheat Bu/Acre	Alfalfa Tons/Acre	Grass/Hay Tons/Acre
I	>170	>80	>64	>6	>4.0
II	150-170	70-80	56-64	4-6	3.5-4.0
III	130-150	60-70	48-56	<4	3.0-3.5
IV	100-130	50-60	40-48	NA	<3.0
V	<100	<50	<40	NA	NA

Farm Summary Report

Plan: **New Plan** **Fall, 2017 - Winter, 2019**

Farm Name: **Mickey L. Cox**

Location: Greene

Specialist: John Doe

N-based Acres: 53.5

P-based Acres: 32.4

Tract Name: **241**

FSA Number: 241

Location: Greene

Field Name: **GRMLC 1**

Total Acres: 28.20 Usable Acres: 28.20

FSA Number: 3

Tract: 241

Location: Greene

Slope Class: C Hydrologic Group: D

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K		Lab
Fa-2016	6.7	H-(50 P ppm)	H-(131 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
---------	--------	-------------

2	AsD	Ashe
7	BcC	Braddock
12	BuD	Buckhall
3	CgB	Chatuge
22	ElC	Elioak
20	EnC3	Elioak
10	EnD3	Elioak
24	Kn	Kinkora

Field Warnings:

Field Name: GRMLC 2

Total Acres: 24.70 Usable Acres: 24.70

FSA Number: 6

Tract: 241

Location: Greene

Slope Class: C Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

Zero-P

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K		Lab
Fa-2016	6.8	VH(291 P ppm)	VH(275 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
5	AsC	Ashe
15	AsD	Ashe
10	BdD3	Braddock
9	CgB	Chatuge

15	EIB	Elioak
31	EnC3	Elioak
1	EnD3	Elioak
6	Kn	Kinkora
9	MvB	Meadowville

Field Warnings:

Environmentally Sensitive Soils due to

Soils with potential for leaching based on soil texture or excessive drainage

Soils with percent slope in excess of 15%

Field Name: GRMLC 3

Total Acres: 25.30 Usable Acres 25.30

FSA Number: 6

Tract 241

Location: Greene

Slope Class: C Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K		Lab
Fa-2017	6.0	H(71 P ppm)	H(180 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
30	AsD Ashe	

4	BcB	Braddock
4	Cn	Codorus
14	EIB	Elioak
35	EnC3	Elioak
5	EnD3	Elioak
9	MvB	Meadowville

Field Warnings:

Environmentally Sensitive Soils due to:

Soils with potential for leaching based on soil texture or excessive drainage

Soils with perent slope in excess of 15%

Field Name: GRMLC 4

Total Acres: 7.70 Usable Acres: 7.70

FSA Number: 9

Tract: 241

Location: Greene

Slope Class: B Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

P-based(1.0)

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K		Lab
Fa-2016	6.5	VH(238 P ppm)	H-(126 K ppm)	A&L MIII	

Soils:

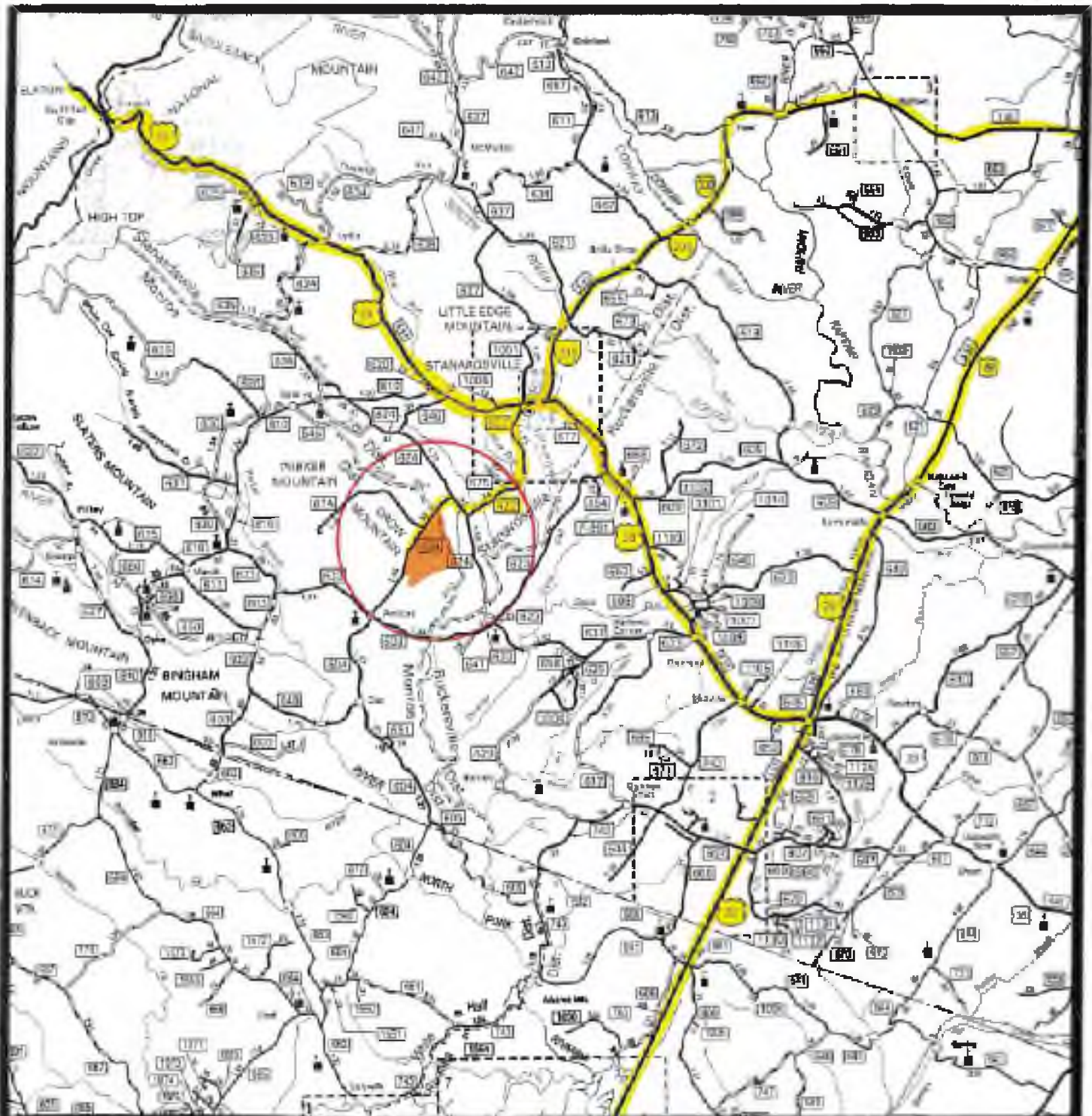
PERCENT	SYMBOL	SOIL SERIES
---------	--------	-------------

34	BcB	Braddock
20	BcC	Braddock
5	EIB	Elioak
25	EnC3	Elioak
16	MvB	Meadowville

Field Warnings:

M P

Recyc SystemsTM Inc. (Biosolids Land Application)



Scale: 1" = 2 miles

GRMLC 1-4

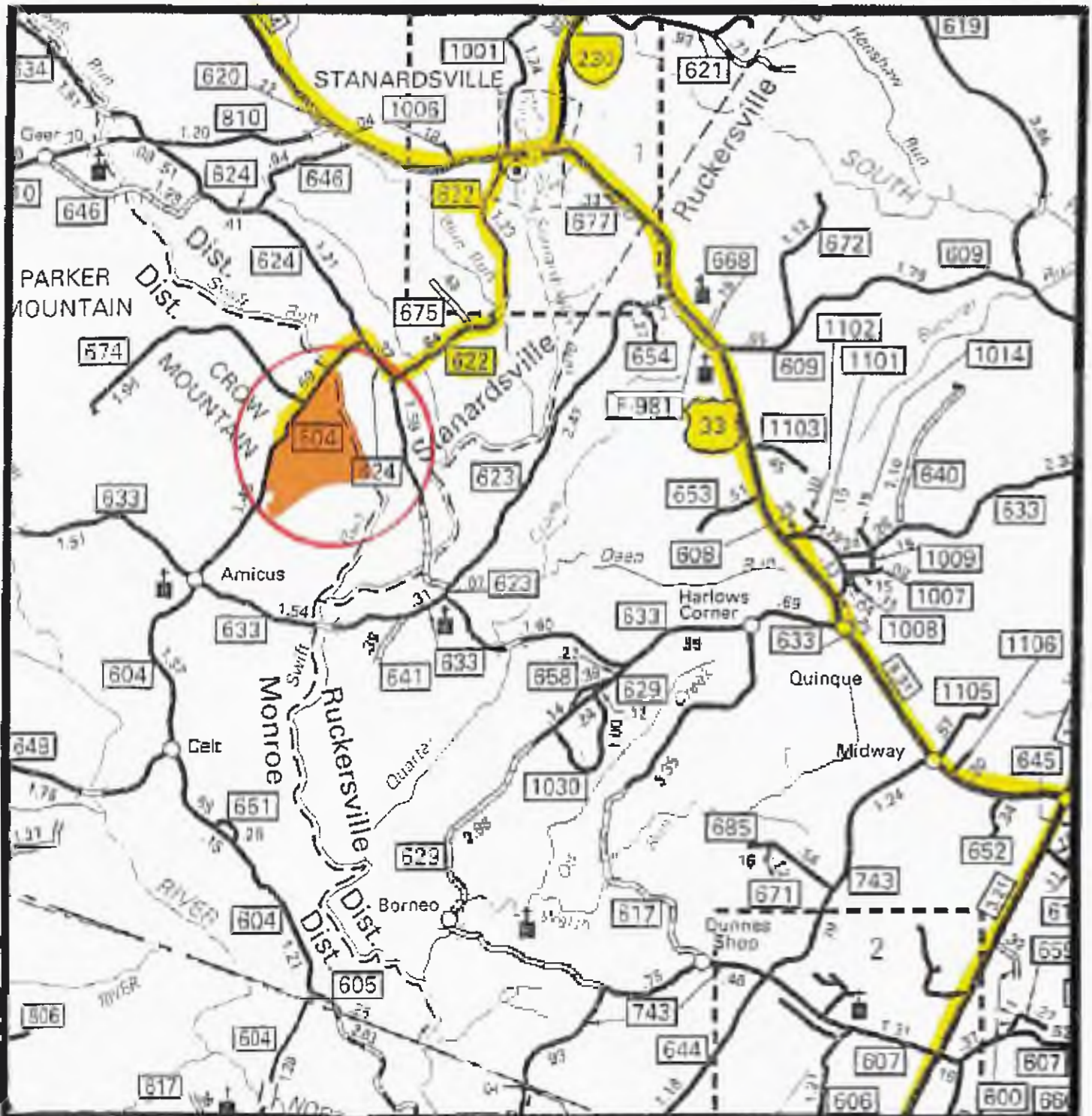
VICINITY MAP



10-9-17

Recyc SystemsTM Inc.

(Biosolids Land Application)



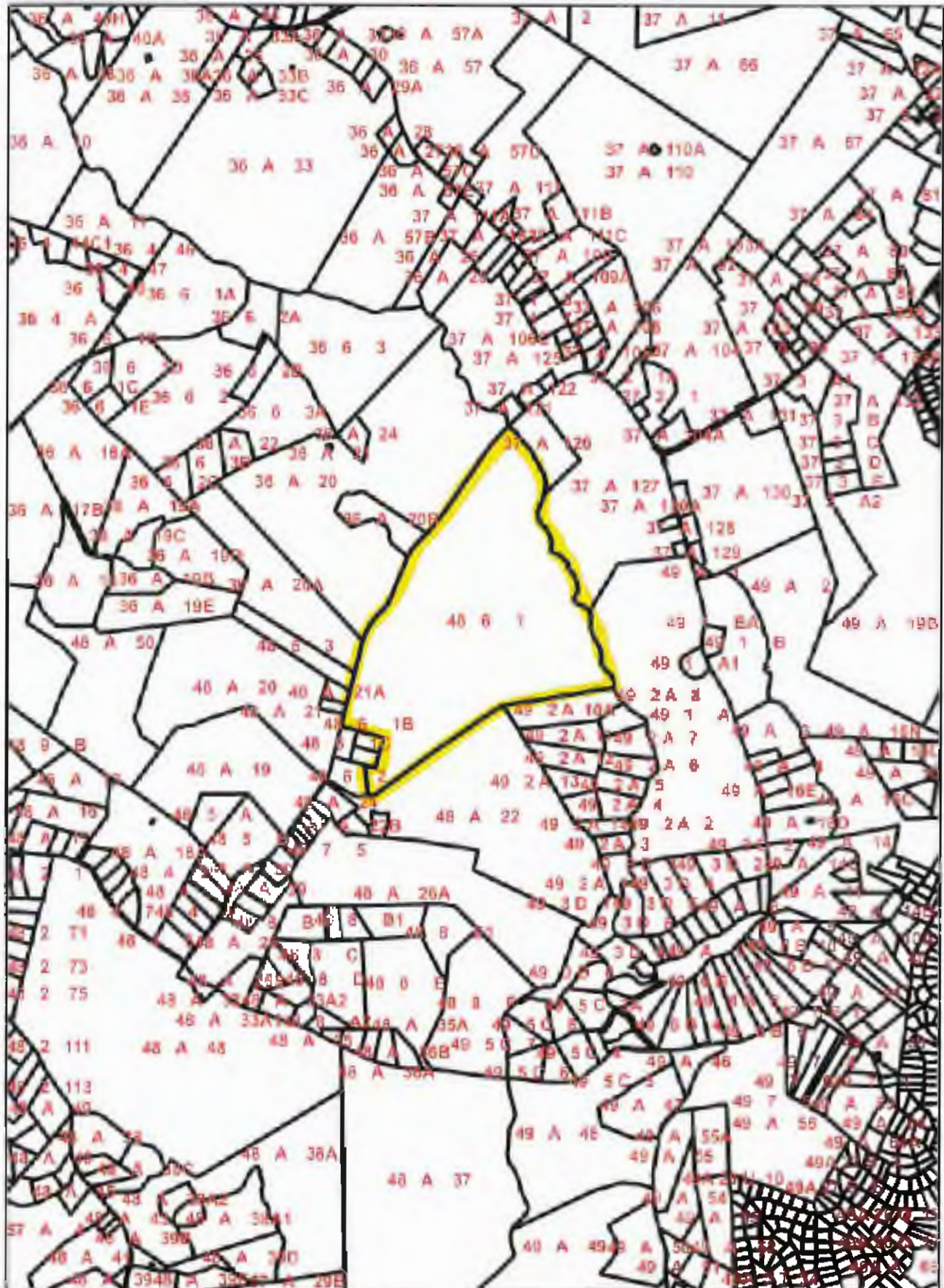
Scale: 1" = 1 mile

GRMLC 1-4

VICINITY MAP



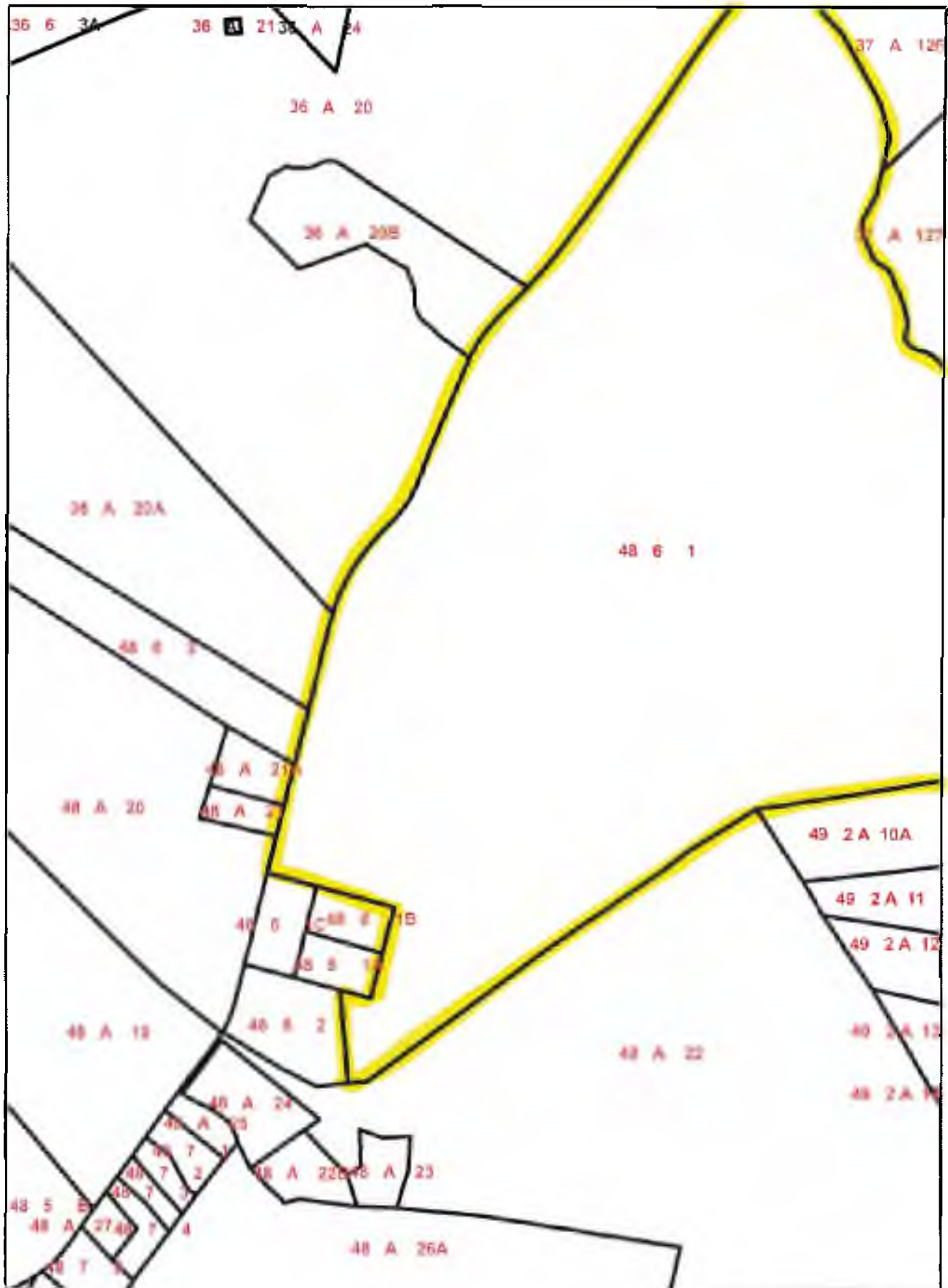
10-9-17



Tax Map

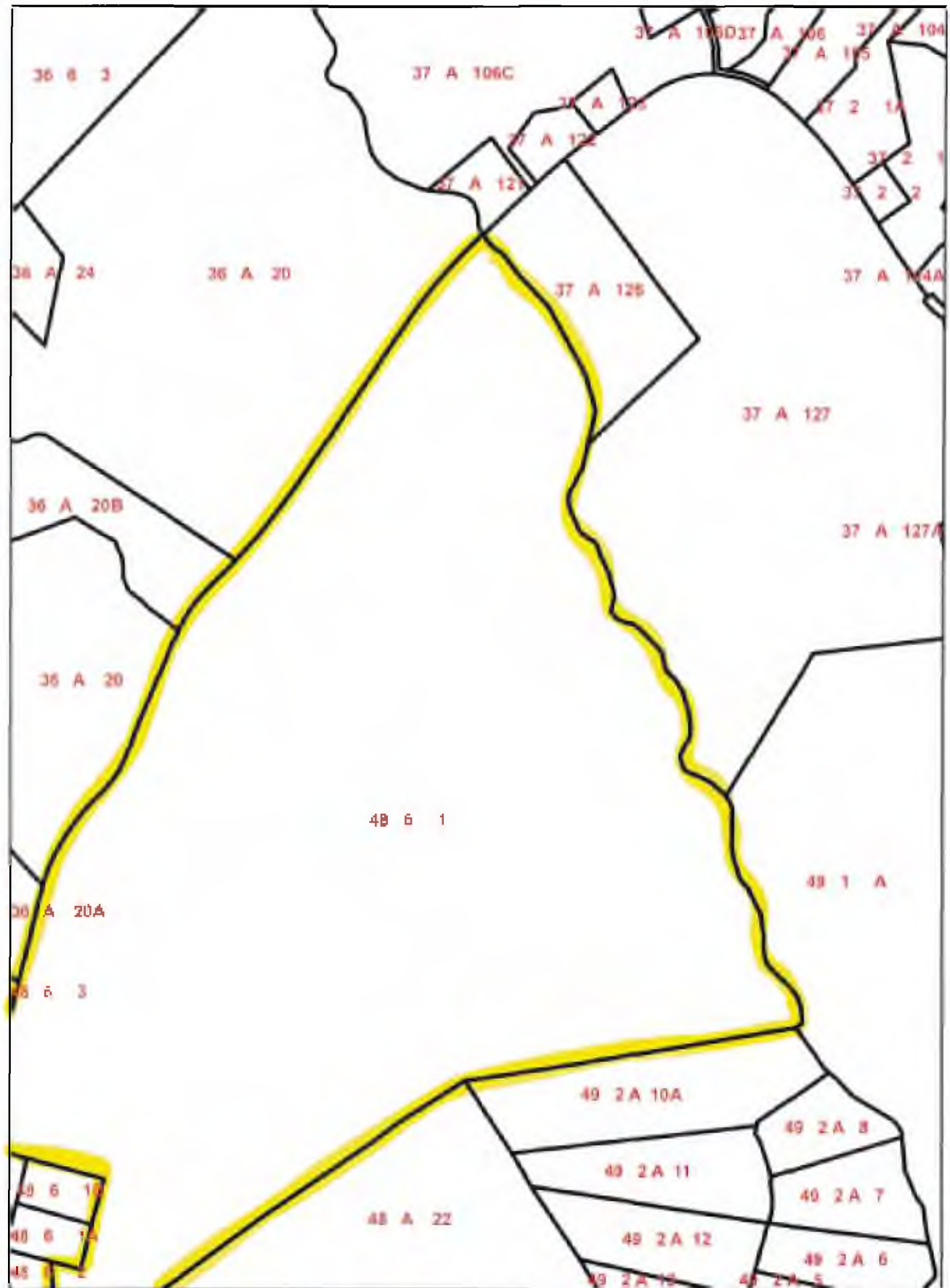
1 in = 2,000 feet

10-9-17



Tax Map

1 in = 660 feet



Tax Map

1 in = 660 feet

10-9-17



ADJOINING LANDOWNERS

Mickey L. Cox

GREENE COUNTY

Tax Map	Parcel #	Owner Name(s)
36	20	Carl F. and Anne W. Eppard Trustees of Anne W. Eppard Rev. Trust
	20A	Carl F. and Anne W. Eppard Trustees of Carl F. Eppard Rev. Trust
	20B	Darryl K. Eppard
37	121	Larry S. and Emogene S. Powell
	126	Columbia Gas Transmission Corp. Attn: Tax Dept.
	127	Calvin and Charlotte Powell
48	6-1A	Mickey L. Cox Trustee Under the Mickey L. Cox Rev Trust
	6-1B	Jeffrey A. and Jeri Lynn Spiero
	6-1C	Mickey L. Cox Trustee Under the Mickey L. Cox Rev Trust
	6-2	David L. Cox
	6-3	Mickey L. Cox Trustee Under the Mickey L. Cox Rev Trust
	20	Frank L. and Kathleen S. Messana Trustees of the Messana Family
	21	Robert Lee and Peggy Jean Marshall
	21A	Robert Lee and Peggy Jean Marshall
49	22	Ronald H. and Audrey P. Morris
	1A	Robert Scott Winslow
	2-A-10A	Shawn P. and Brandi A. Gehman

Recyc SystemsTM Inc.

(Biosolids Land Application)



Scale: 1" = 660 ft.

GRMLC 1-4

SOIL MAP

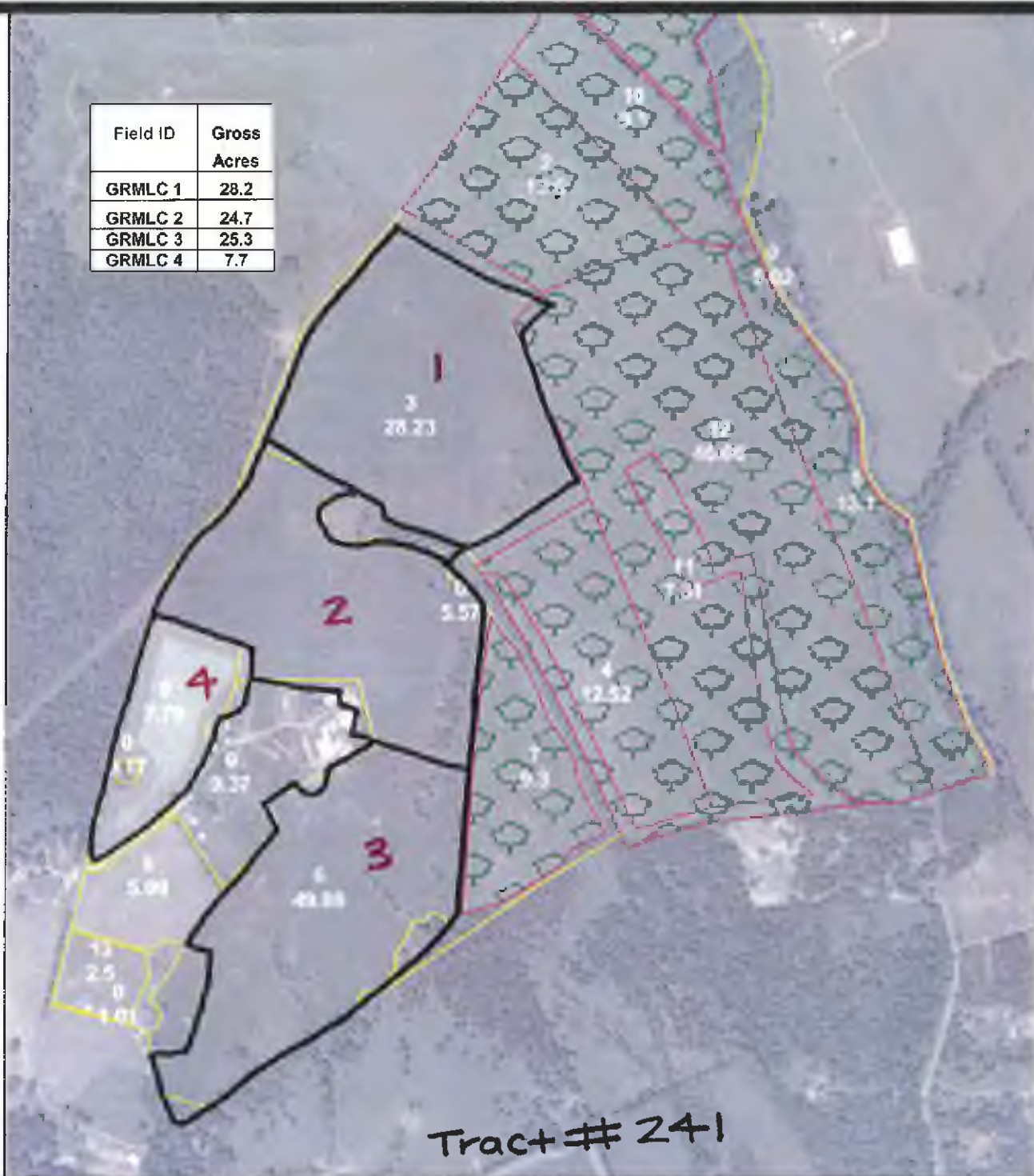
Frequent Flooding
marked in Orange



10-9-17



Field ID	Gross Acres
GRMLC 1	28.2
GRMLC 2	24.7
GRMLC 3	25.3
GRMLC 4	7.7



Scale: 1" = 660 ft.















GRMLC 1-4

AERIAL MAP



10-9-17

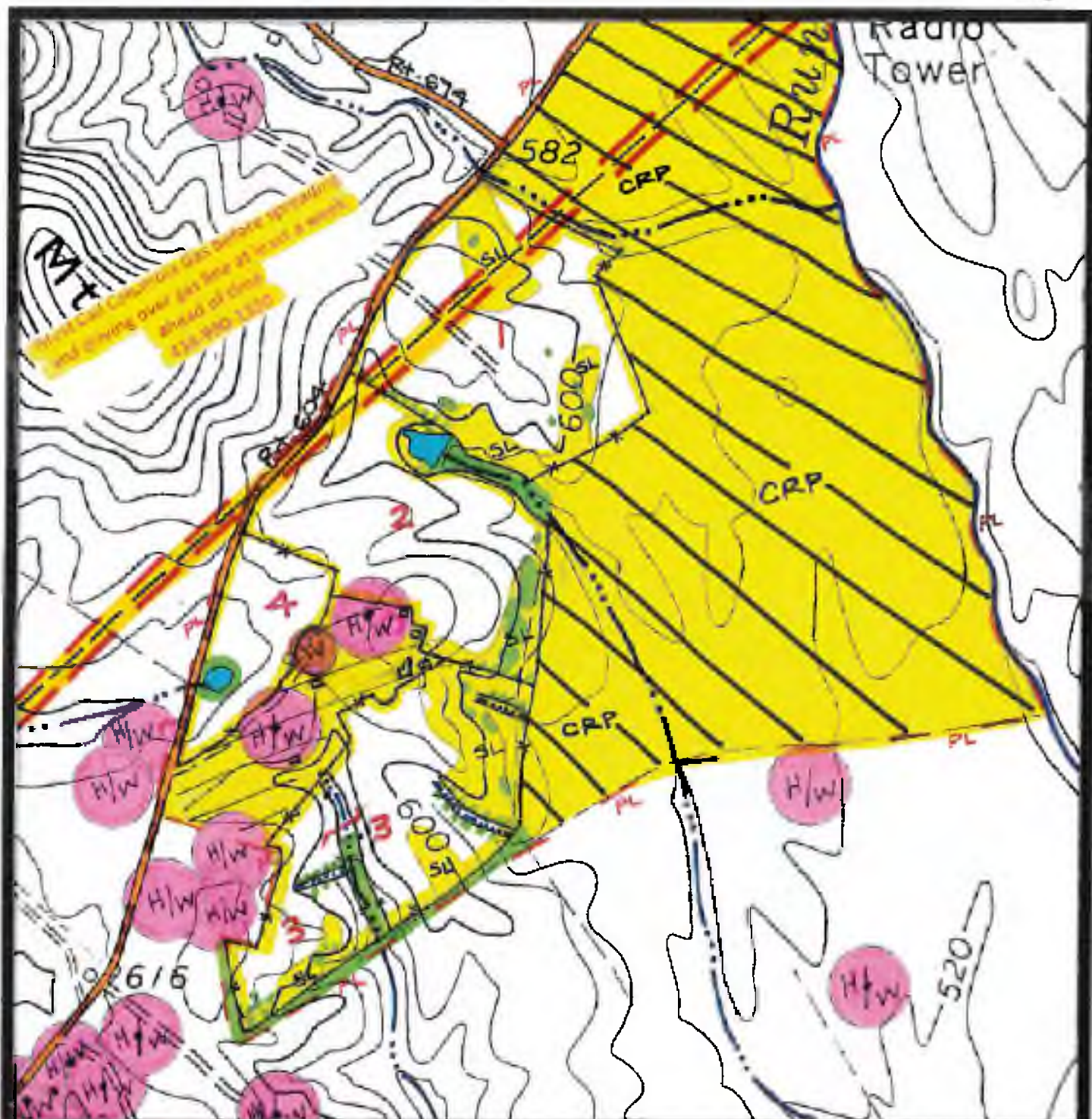
Legend For Site Plan

Symbol	Feature	Minimum Setback
	House and Well	200 feet from occupied dwelling * 100 feet from water supply wells or springs
	Well or Spring	100 feet from water supply wells or springs
	Streams or Surface Water	35 feet with 35 foot vegetated buffer 100 feet without vegetated buffer
	Wet Spot	
	Trees and Woods	
	Private Drive	
	Rock Area/Rock Outcrop	25 feet from rock outcrops 50 feet from limestone rock outcrops
	Severely Eroded Spot	18 Inch minimum depth of soil
	Sink Hole	100 feet from open sinkholes 50 feet from closed sinkholes
	State Road	10 feet from side of roadway
	Fence / Field Boundary	
	Property Line	100 feet from property line *
	Slope	15% maximum
	Hashed out Area	No application

*Buffer can be reduced or waived upon written consent from landowner.

Recyc SystemsTM

Inc. (Biosolids Land Application)



Scale: 1" = 660 ft.

GRMLC 1-4

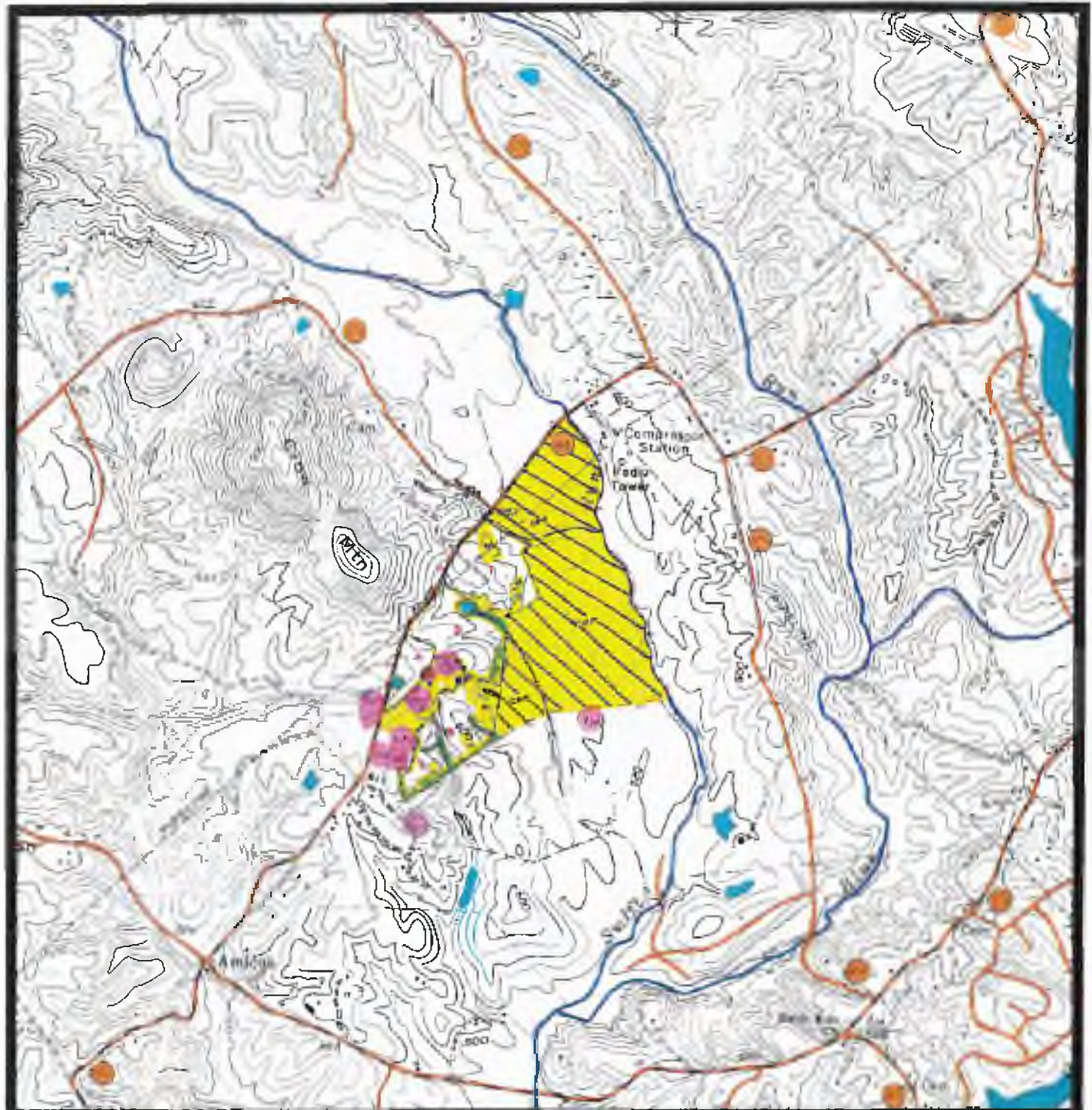
SITE PLAN



10-9-17

Recyc SystemsTM Inc.

(Biosolids Land Application)



Scale: 1" = 2000 ft.

GRMLC 1-4

TOPOGRAPHIC MAP



10-9-17